



FFW 1645
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CD-ROM

PTO/SB/21 (04-07)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/524,724
Filing Date	February 16, 2005
First Named Inventor	DUNCKLEY, et al.
Art Unit	1645
Examiner Name	Not yet assigned
Attorney Docket Number	E072 1050.1 (50718.0006.9)

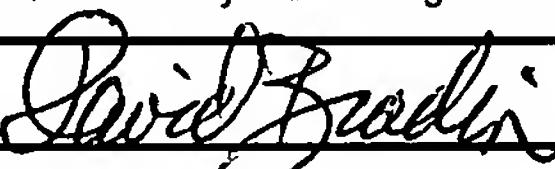
ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Response to Notification of Defective Response; copy of Notification of Defective Response mailed May 7, 2007 and Acknowledgment Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input checked="" type="checkbox"/> CD, Number of CD(s) 1	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

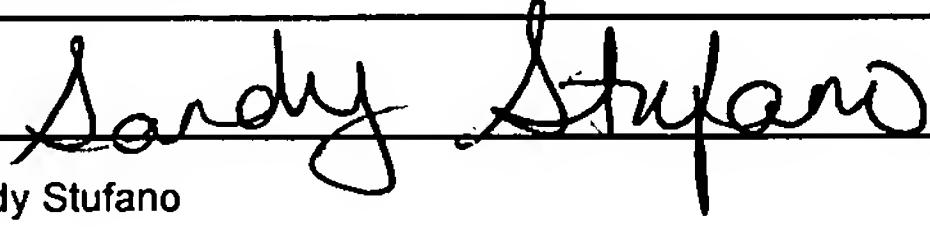
The Commissioner is hereby authorized to charge any fees due to Deposit Account No.: 09-0528.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Womble Carlyle Sandridge & Rice, PLLC		
Signature			
Printed name	David S. Bradin		
Date	June 4, 2007	Reg. No.	37,783

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Sandy Stufano	Date	June 4, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:

DUNCKLEY, et al.

) Conf. No.: 8410

)

) Art Unit: 1645

)

) Examiner: To be Assigned

)

Title: **Modified Tailed Oligonucleotides**)

Docket No: **E072 1050.1 (50718.0006.9)**

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Mail Stop Sequence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Defective Response dated May 7, 2007, a copy of which is enclosed herein, Applicants submit herewith a CD-ROM containing a substitute computer readable form (CRF) copy of the "Sequence Listing" in order to place the disclosure in compliance with the requirements of 37 C.F.R. §§1.822-1.825.

Applicants herein state that the content of the sequence listing information recorded in computer readable form submitted herewith is identical to the written sequence listing, and includes no new matter.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Order Account No. 09-0528.

Respectfully submitted,

David S. Bradin
Registration No. 37,783
Womble Carlyle Sandridge & Rice, PLLC
2530 Meridian Parkway
Durham, NC 27713
919.484.2382 (voice)
919.484.2084 (facsimile)

Date: June 4, 2007



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of:

DUNCKLEY, et al.

) Conf. No.: **8410**

)

) Art Unit: **1645**

)

) Examiner: **To be Assigned**

)

Title: **Modified Tailed Oligonucleotides**)

Docket No: **E072 1050.1 (50718.0006.9)**

Mail Stop Sequence
Commissioner for Patents
P.O. Box 1450
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CERTIFICATE OF MAILING

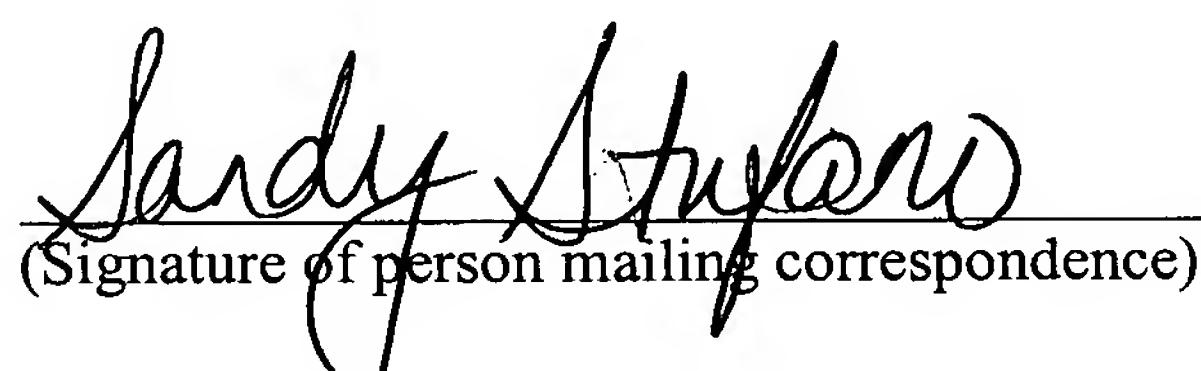
I hereby certify that the following documents are being mailed in an envelope by First Class Mail to Mail Stop Sequence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date set forth below:

1)	Response to Notification of Defective Response	1 page
2)	Copy of Notification of Defective Response mailed May 7, 2007	10 pages
3)	CD-ROM containing a substitute computer readable Form (CRF) copy of the "Sequence Listing"	1
4)	Transmittal Letter	1 page

Dated: June 4, 2007

Sandy Stufano

(Typed or printed name of person mailing
correspondence)


Sandy Stufano
(Signature of person mailing correspondence)



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MAY 09 2007

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/524,724	Matthew Graeme Dunckley	87792.026005
INTERNATIONAL APPLICATION NO.		
PCT/GB03/03612		
I.A. FILING DATE	PRIORITY DATE	
08/18/2003	08/16/2002	
CONFIRMATION NO. 8410		
371 FORMALITIES LETTER		
OC000000023725280		

Date Mailed: 05/07/2007

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 02/16/2005
- Copy of the International Search Report filed on 02/16/2005
- Copy of IPE Report filed on 02/16/2005
- Preliminary Amendments filed on 02/16/2005
- Biochemical Sequence Diskette filed on 10/18/2006
- Oath or Declaration filed on 10/18/2006
- Biochemical Sequence Listing filed on 10/18/2006
- Request for Immediate Examination filed on 02/16/2005
- U.S. Basic National Fees filed on 02/16/2005
- Priority Documents filed on 02/16/2005
- Power of Attorney filed on 12/12/2005

Applicant's response filed 10/18/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 07/18/2006 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under

37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/524,724	PCT/GB03/03612	87792.026005

FORM PCT/DO/EO/916 (371 Formalities Notice)